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laxa, proliferation in *Rosa lævigata*, tetramerous flowers in *Fragaria Californica*, phyllody of the tip of the spike in *Plantago lanceolata* (we have noticed this once or twice about New York), the production of two cherries from flowers of *Cerasus mollis*, and of the same duplication in the Peach. N. L. B.

The Islay. (Gard. and For. v. 469.) With illustration of *Prunus ilicifolia*.

Ueber Tertiäre Fagus-Arten der Südlichen Hemisphäre. C. F. von Ettingshausen. (Sitzb. K. Akad. Wiss. Wien., Jahrgang 1891, 114-137, Taf. i, ii.)

Twelve fossil species of the genus *Fagus* are described, ten of which are new. *F. Wilkinsoni*, *F. Etheridgei*, *F. Müelleri*, *F. ulmifolia* and *F. Shagiana* are figured on T. i. *F. Moorei*, nature printed, is represented by ten figures on T. ii.

Uredineen—Ueber einige in Sudamerika auf Berberis Arten wachsende. P. Magnus. (Ber. Deut. Bot. Gesel. x. 319, with plate.)

Variations of the Strawberry Leaf. C. B. Atwell. (Bot. Gaz. xvii. 336-337).

Woody Plants of Western Wisconsin. L. H. Pammel. (Iowa Acad. Sci. i.; Pt. ii.)

Proceedings of the Club.

TUESDAY EVENING, OCTOBER 11, 1892.

Vice-President Allen in the chair, and nineteen persons present. Dr. Rusby was elected secretary pro tem.

The report of the Instruction Committee for 1892, was presented by its Chairman, Dr. Rusby, accepted and ordered on file.

Mr. Lighthipe reported upon several botanical excursions which he had made during the summer. North of Mountain House in the Catskills during the last week in August he had found *Arenaria Grænlandica*, *Potentilla tridentata* (in fruit), and *Arctostaphylos Uva-ursi* (in fruit). At Haynes Falls, altitude about 2,000 feet, he had found *Cornus Canadensis* (in fruit), *Hieracium aurantiacum*, *Adlumia fungosa*, *Impatiens pallida*, *Habenaria Hookeri*, *Chiogenes* and *Monarda fistulosa*. At Bald Mountain near Scranton, about the same ele-

vation, he had found *Potentilla tridentata*, *Asplenium montanum*, *Gentiana quinquefolia*, *Veronica scutellata*, *Polygala paucifolia* and *Rhododendron maximum*. In the vicinity of his own home near Woodbridge, N. J., he had found *Pentstemon lævigatus* var. *Digitalis*, and the white form of *Gerardia purpurea*. At Milburn N. J., he had found *Veronica Anagallis*. Near New Lisbon, N. J., he had found *Gyrotheca tinctoria*, *Sabbatia lanceolata*, *Cyperus, Torreyi* and *Lygodium palmatum*. In reply to a question by Dr. Rusby, Mr. Lighthipe stated that he had found only one color among the flowers of *Impatiens pallida*. Dr. Rusby spoke of a large, nearly white-flowered form which he had found abundantly in the Catskills.

Mr. Ogden reported that he had noticed a decided fragrance to the flowers of *Habenaria orbiculata* at Tannersville, N. Y., while in other places they were not fragrant. Dr. Rusby remarked that he had noticed the same phenomenon in *H. dilatata*, the flowers of some plants observed in Vermont and New Hampshire being exceedingly fragrant, while those of other plants were devoid of any odor.

Dr. Allen stated that twice in eight or nine years *Adlumia fungosa* had spread up the Chapaug Railroad in Connecticut, and had once become quite abundant near Litchfield, but it had hitherto failed to become permanent. He also stated that he had observed a form of *Chara aspera* which had acquired the habit of not fruiting, relying upon its underground tubers, containing starch, as a means of distribution. He had always supposed that owing to the strong mephitic odor of these tubers, they would not be grateful to water birds, but this season he had observed ducks feeding eagerly upon them. Dr. Allen also reported that he had obtained from Ohio a peck of the seeds of *Nelumbo* and sowed them in Litchfield Lake with the result that none sprouted. After some discussion by Mr. Hogg, who referred to other instances similar to this, it was thought probable that the failure to germinate had been due to the fact that the seeds had become more or less dry between the time of gathering and planting.

Mr. Hollick read the announced paper of the evening on "The Palæobotany of the Yellow Gravel of Bridgeton, N. J., illustrated by specimens and drawings.